



United States Department of the Interior  
BUREAU OF LAND MANAGEMENT  
KANAB FIELD OFFICE  
318 North 100 East  
Kanab, UT 84741



IN REPLY REFER TO:  
3809 - UT046  
UTU-70774

Certified P 289 790 888  
Return Receipt Requested

March 29, 1999

Joseph M. Caruso  
HC 65, Box 221  
Pipe Springs, AZ 86022

**RE:** Notice for M&M # 1&2 - SLBM, Township 40 South, Range 8 West, Section 35, N $\frac{1}{2}$

Dear Mr Caruso:

Your notice to conduct mining related operations on the unpatented mining claims M&M #1 and 2 was received on 25 March 1999, and has been accepted by the Kanab Field Office. This notice has been combined with your M&M #3 notice, and assigned the case file number UTU-70774. Please use this number in any future correspondence concerning notices M&M #1, 2, and 3.

If you change your operation from what is described in your notice, you are required to contact this office prior to the change. If your operation extends for more than one year, please advise this office on the status of your mining related activity on the anniversary date of the notice.

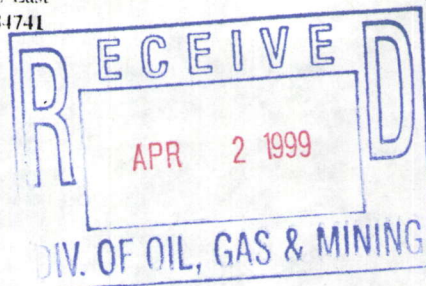
Enclosed is a copy of the Conditions of Acceptance for BLM Mining Notices, stipulated by the Kanab Field Office. Please follow these guidelines as they pertain to your operation.

Our acceptance of your notice is only effective in so far as BLM administered lands are involved. If you are not the land owner of the adjacent parcels, we recommend that you obtain permission from adjacent land owners before you begin your operations.

A copy of your notice has been sent to the Utah Division of Oil, Gas and Mining (UDOGM); therefore you will not have to file these notices with them.

A copy of your notice has also been sent to the Utah Department of Environmental Quality, Division of Water Quality (DWQ). DWQ should contact you concerning any permits you may need, however their failure to do so does not absolve you from responsibility for obtaining the same.

Utah Department of Environmental Quality  
Division of Water Quality  
288 North 1460 West  
Salt Lake City, Utah 84114-4870





If you are selling any minerals extracted during your mining activities, the U.S. Department of Labor, Mine Safety and Health Administration (MSHA) may consider your operation to be under its jurisdiction. We recommend you contact them at:

USDOL Mine Safety and Health Administration  
125 South State, Room 8220  
Salt Lake City, UT 84138

As required by 43 CFR 3809, Surface Management Regulations, reasonable measures must be taken to prevent unnecessary or undue degradation of public lands and reclamation is required at the earliest feasible time. Please notify this office upon completion of operations and reclamation so an inspection may be conducted on the site. Reclamation under these notices are required to conform to the standards of the Utah Mined Land Reclamation Act.

Acceptance of your notices will not now, nor in the future, serve as a determination of the validity nor ownership of any mining claim included under your notices.

Prior to the commencement of your operations, we would like to meet with you on site to review reclamation practices and initiate a reclamation plan. Please contact this office to arrange the meeting. If you have any questions regarding this letter, please feel free to contact Mr. Doug Powell at (435) 644-2672, Ext 2650. Thank you for submitting your notices.

Sincerely,



Verlin L. Smith  
Field Manager

cc: Tom Munson, UDOGM  
Richard Denton, DWQ



**STANDARD OPERATING PROCEDURES**  
**for**  
**Exploration/Mining Activities in the Kanab Field Office Area**

1. Existing road access will be used whenever possible. Access will be planned for the minimum width needed for operations and will not exceed 16 feet in width. Roads will follow natural contours where practicable to minimize the need for cut and fill. The cuts from construction or improvement of access will be less than 3 feet on the inside edge. The authorized officer will be notified of any exceptions before construction begins.
2. Disturbance of existing vegetation will be held to the minimum necessary for the operation. Large vegetation such as pinion and juniper trees will be avoided whenever possible.
3. If cultural resources are encountered, including all historic or prehistoric artifacts or structures, the operator will immediately suspend operations and report the findings to the BLM area or district office. It is the responsibility of the operator to ensure there is no removal or destruction of historic and prehistoric remains on public lands.
4. If an endangered species is encountered, the operator will avoid the species and immediately inform the BLM area office. Wild horses, wildlife and livestock will not be harassed.
5. All sites will be kept in a safe, clean, and environmentally stable condition. Any hazardous materials used in the operation must be pre-approved by BLM personnel and kept in approved safe containers. The BLM area or district office will be immediately notified of any spills or accidents involving hazardous materials.
6. Water from stock-water reservoirs, springs, and wells will not be used for operations unless prior approval has been granted by the individual or agency responsible for the water rights of the source.
7. All official survey monuments, witness corners, reference monuments, bearing trees, etc., will be protected against destruction, obliteration or damage. Current mining claim markers will also be protected. When mining or exploration activities are concluded, the operator will remove all operation survey markers, stakes, flagging, etc., which are not needed for ongoing activities.
8. Wet roads should be avoided when ruts of two inches or deeper will result from road use. The operator will be responsible for reconditioning public roads used under these conditions.



**RECLAMATION STANDARDS**  
**for**  
**Exploration/Mining Activities in the Kanab Field Office Area**

1. At the earliest feasible time, the operator will reclaim the area disturbed, except to the extent necessary to preserve evidence of mineralization and roads needed for continuing mineral exploration. Reclamation will include reasonable measures to prevent or control onsite and offsite damage of public lands.
2. Reclamation will include but not be limited to:
  - a. Saving topsoil (top 3 to 6 inches) for final application after reshaping of disturbed areas.
  - b. Controlling erosion, landslides, and water runoff.
  - c. Isolating, removing, or controlling toxic materials.
  - d. Reshaping disturbed areas, applying topsoil, and revegetating where reasonably practicable.
  - e. Controlling noxious weeds invading the site.
  - f. Rehabilitating fisheries and wildlife habitat.
3. Access roads, unless otherwise approved by the authorized officer, will be closed by reshaping the disturbed area to near original contours, scarifying where compaction prevents seed covering, and revegetating with the mixture specified below. Waterbars will be placed on steep inclines and access blocked to future vehicular traffic.
4. Unless otherwise approved in the acceptance of the notice, all high walls or material piles will be recontoured to slopes not steeper than 3:1 and revegetated using the recommended mixture.
5. Authorized pits with high walls in excess of 4 feet will be fenced or barricaded to protect unsuspecting public land users from injury. All shafts and adits will be covered or blocked to prevent unauthorized or accidental entry.
6. Seeding of disturbed areas will be done between September 30 and December 15. Seed should not be placed on top of deep snow. Seedbeds will be prepared to a depth of 6 inches by ripping, discing, or harrowing. Seed will be planted with a rangeland or farm drill or broadcast seeded. If broadcast seeded, the seed will be harrowed or raked  $\frac{1}{4}$  to  $\frac{1}{2}$  inch into the soil. The seed amount described below will be doubled if the area is broadcast seeded. The recommended seed mixture (grain) to be used on all disturbed areas if applied by a drill includes:

Crested wheatgrass . . . . .	2	lbs. per acre
Intermediate wheatgrass . . . . .	2	lb. per acre
Nordan Crested wheatgrass . . . . .	2	lbs. per acre
Highcrest wheatgrass . . . . .	1	lbs. per acre
Yellow Sweet Clover . . . . .	1	lb. per acre
7. All hazardous tailing dumps, materials or substances produced by the operation will be disposed of in accordance with applicable federal and state laws. All waste, debris, buildings, and materials will be removed from the site and deposited at appropriate waste facilities.
8. All dry drill holes will be plugged with uncontaminated native material to a depth of 5 feet. The top 5 feet will be plugged with cement. Drill holes which encounter water will also be cemented from at least 50 feet below to 50 feet above the saturated zone. The location, depth, and relative flow rate of any subsurface water encountered will be reported to the authorized officer.
9. Additional reclamation requirements may be needed on a case-by-case basis. These additional requirements will be issued by the authorized officer after consultation with the operator.
10. The authorized officer will be notified within 10 days of final reclamation.



# **INFORMATION REQUIRED FOR A MINING OR EXPLORATION NOTICE**

This form is designed to assist the claimant or operator in submitting the information required for a mining or exploration notice. This form does not need to be used for submittal of a notice, but all information required in 43 CFR 3809.1-3(c) must be included in any notice submitted.

## **Claimant Information**

Name Micheal L. Caruso  
 Address HC 65 box 221  
Pipe Spring's Az. 86022  
 Telephone 520 643 6061

## **Operator Information**

*(If different than claimant)*

## **Mining Claims Where Disturbance Will Occur**

<u>Claim Name</u>	<u>UMC Number</u>	<u>Claim Type (Lode/Placer)</u>
<u>M &amp; M #1 &amp; #2</u>	<u>no number assigned yet</u>	<u>Lode</u>
<u>"See attached map"</u>		

Activity: Mining X

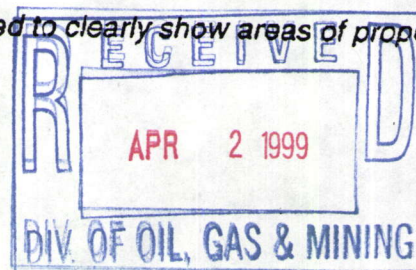
Exploration \_\_\_\_\_

Mineral Type: Septarian Nodule

## **Location of Proposed Activity**

Township 40 South, Range 8 West, Section 35 1/4 1/4  
 Township \_\_\_\_\_ South, Range \_\_\_\_\_ West, Section \_\_\_\_\_ 1/4 1/4  
 Township \_\_\_\_\_ South, Range \_\_\_\_\_ West, Section \_\_\_\_\_ 1/4 1/4  
 Township \_\_\_\_\_ South, Range \_\_\_\_\_ West, Section \_\_\_\_\_ 1/4 1/4

Please attach an accurate map of the area. Maps should be scaled to clearly show areas of proposed surface disturbance.





### Proposed Operations

Estimated Dates of Operation:

Start-Up: 3-26-99 Finish: Not Sure

Describe the type of operations and how they will be conducted, including the location and size of areas where surface disturbance, structures, facilities, etc., are proposed. Calculate the total acreage of proposed disturbance (One acre = 43,560 sq. ft.):

Plan To Continue into ridge on site of previously  
disturbed area with Trackhoe. area disturbed will be  
less Than 2 acres

### Access Routes

Describe any proposed improvement of existing roads:

Existing road may need some improvements to make it  
passable any area's cut or filled will be done with as  
little disturbance as possible & will be rounded & smoothed at  
that time to meet reclamation standards, also will be seeded with  
B.L.M. approved seeds to meet reclamation requirements

Describe new roads proposed (include location, length, width, estimated maximum cutbank height, and type of equipment used):

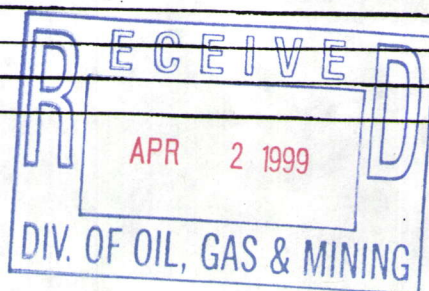
new road will be made between #1 & #2 with a small amount  
of cut bank being done which will be smoothed & rounded to  
meet reclamation requirements road way will be made in area discussed  
with Doug Powell during inspection of site

I understand I will be required to reclaim any new disturbance.

### Existing Disturbance

Describe any existing surface disturbance, structures, facilities, etc.. A map or sketch showing existing surface disturbance, structures, facilities, etc. is recommended.

An existing disturbance of approximately 300' x 10' is on location





### Proposed Reclamation

Reclamation of all areas disturbed will be completed to the standards described in 43 CFR 3809.1-3(d) and reasonable measures will be taken to prevent unnecessary or undue degradation of Federal lands during operations.

Joseph M Cause  
Signature

3-11-99  
Date

Please list any included attachments:

- Topsoil will be piled & saved for resspreading.
- Large Headwalls will be avoided, water run off will be controlled by Erosion Control Techniques; mounds of dirt will be rounded off to look like the natural shapes in area.
- Topsoil will be redistributed across affected area & re seeding will be done with BLM approved seed list.
- Toxic materials will not be used in operation.

